

WHAT IS CLAIMED IS:

1. An input device including:

a foldable keyboard including a first keyboard unit, a second keyboard unit, and a rotatable connecting part provided between the first and second keyboard units, so that the first and second keyboard units are rotated to come apart from each other into an unfolded, horizontally arranged state through the connecting part for use of the keyboard, while the first and second keyboard units are rotated to come close to each other into a closed, folded state through the connecting part for nonuse of the keyboard;

a housing main body disposed at one side of the first or second keyboard unit and formed with a hole in an upper surface;

a flexible display which is windable so as to be housed in a rolled state in the housing main body during nonuse of the display and to be drawn upward from the housing main body through the hole during use of the display;

a first contact terminal formed in the flexible display; and

a connector which is electrically connected with the first and second keyboard units and provided with a second contact terminal,

the first contact terminal being connected with the second contact terminal of the connector when the flexible display is drawn upward from the housing main body through the hole for use of the flexible display.

2. The input device according to claim 1, wherein the housing main body is attached to one side of the first or second keyboard unit along a direction perpendicular to an axial direction of the connecting part.

3. The input device according to claim 1, wherein the hole formed in

the housing main body is a curved elongate hole having a predetermined curvature, and a resilient metallic thin plate is laminated to a rear side of the flexible display, the resilient metallic thin plate being formed to provide a curved surface of a curvature equal to the predetermined curvature of the hole.

4. The input device according to claim 1, wherein the housing main body is constructed to be attachable and detachable with respect to the first or second keyboard unit, and the keyboard and the flexible display in the housing main body are constructed so as to communicate with each other by wireless communication.

5. The input device according to claim 1, wherein the flexible display is constructed of an organic electroluminescence (EL) display.

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6. A personal computer including:

a foldable keyboard including a first keyboard unit, a second keyboard unit, and a rotatable connecting part provided between the first and second keyboard units, so that the first and second keyboard units are rotated to come apart from each other into an unfolded, horizontally arranged state through the connecting part for use of the keyboard, while the first and second keyboard units are rotated to come close to each other into a closed, folded state through the connecting part for nonuse of the keyboard;

25 a computer main body disposed at one side of the first or second keyboard unit;

a housing main body disposed at one side of the computer main body and formed with a hole in an upper surface;

a flexible display which is windable so as to be housed in a rolled state in the housing main body during nonuse of the display and to be drawn upward from the housing main body through the hole during use of the display;

5 a first contact terminal formed in the flexible display; and

a connector which is electrically connected with the first and second keyboard units and provided with a second contact terminal,

the first contact terminal being connected with the second contact terminal of the connector when the flexible display is drawn out from the 10 housing main body through the hole for use of the flexible display.

7. An input device including:

a foldable keyboard including a first keyboard unit, a second keyboard unit, and a rotatable connecting part provided between the first and second keyboard units, so that the first and second keyboard units are rotated to come apart from each other into an unfolded, horizontally arranged state through the connecting part for use of the keyboard, while the first and second keyboard units are rotated to come close to each other into a closed, folded state through the connecting part for nonuse of the 20 keyboard;

a housing main body disposed at one side of the first or second keyboard unit and formed with a hole in an upper surface;

a flexible display which is windable so as to be housed in a rolled state in the housing main body during nonuse of the display and to be drawn out from the housing main body through the hole during use of the 25 display;

wherein the hole formed in the housing main body is a curved elongate hole having a predetermined curvature, and a resilient metallic

thin plate is laminated to a rear side of the flexible display, the resilient metallic thin plate being formed to provide a curved surface of a curvature equal to the predetermined curvature of the hole.

5 8. The input device according to claim 7, wherein the housing main body is attached to one side of the first or second keyboard unit along a direction perpendicular to an axial direction of the connecting part.

10 9. The input device according to claim 7, wherein the housing main body is constructed to be attachable and detachable with respect to the first or second keyboard unit, and the keyboard and the flexible display in the housing main body are constructed so as to communicate with each other by wireless communication.

15 10. The input device according to claim 7, wherein the flexible display is constructed of an organic electroluminescence (EL) display.

11. A personal computer provided with an input device,
wherein the input device includes:

20 a foldable keyboard including a first keyboard unit, a second keyboard unit, and a rotatable connecting part provided between the first and second keyboard units, so that the first and second keyboard units are rotated to come apart from each other into an unfolded, horizontally arranged state through the connecting part for use of the keyboard, while
25 the first and second keyboard units are rotated to come close to each other into a closed, folded state through the connecting part for nonuse of the keyboard;

 a computer main body disposed at one side of the first or second

keyboard unit;

a housing main body disposed at one side of the computer main body and formed with a hole in an upper surface;

5 a flexible display which is windable so as to be housed in a rolled state in the housing main body during nonuse of the display and to be drawn out from the housing main body through the hole during use of the display, and

10 the hole formed in the housing main body is a curved elongate hole having a predetermined curvature, and a resilient metallic thin plate is laminated to a rear side of the flexible display, the resilient metallic thin plate being formed to provide a curved surface of a curvature equal to the predetermined curvature of the hole.

12. An input device including:

15 a foldable keyboard including a first keyboard unit, a second keyboard unit, and a rotatable connecting part provided between the first and second keyboard units, so that the first and second keyboard units are rotated to come apart from each other into an unfolded, horizontally arranged state through the connecting part for use of the keyboard, while 20 the first and second keyboard units are rotated to come close to each other into a closed, folded state through the connecting part for nonuse of the keyboard;

a housing main body disposed at one side of the first or second keyboard unit and formed with a hole in an upper surface;

25 a flexible display which is windable so as to be housed in a rolled state in the housing main body during nonuse of the display and to be drawn out from the housing main body through the hole during use of the display,

wherein the housing main body is constructed to be attachable and detachable with respect to the first or second keyboard unit, and the keyboard and the flexible display in the housing main body are constructed so as to communicate with each other by wireless communication.

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13. The input device according to claim 12, wherein the housing main body is attached to one side of the first or second keyboard unit along a direction perpendicular to an axial direction of the connecting part.

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14. The input device according to claim 12, wherein the hole formed in the housing main body is a curved elongate hole having a predetermined curvature, and a resilient metallic thin plate is laminated to a rear side of the flexible display, the resilient metallic thin plate being formed to provide a curved surface of a curvature equal to the predetermined curvature of the hole.

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15. The input device according to claim 12, wherein the flexible display is constructed of an organic electroluminescence (EL) display.

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16. A personal computer provided with an input device, wherein the input device includes:

25 a foldable keyboard including a first keyboard unit, a second keyboard unit, and a rotatable connecting part provided between the first and second keyboard units, so that the first and second keyboard units are rotated to come apart from each other into an unfolded, horizontally arranged state through the connecting part for use of the keyboard, while the first and second keyboard units are rotated to come close to each other into a closed, folded state through the connecting part for nonuse of the

keyboard;

a computer main body disposed at one side of the first or second keyboard unit;

5 a housing main body disposed at one side of the computer main body and formed with a hole in an upper surface;

a flexible display which is windable so as to be housed in a rolled state in the housing main body during nonuse of the display and to be drawn out from the housing main body through the hole during use of the display, and

10 the housing main body is constructed to be attachable and detachable with respect to the first or second keyboard unit, and the keyboard and the flexible display in the housing main body are constructed so as to communicate with each other by wireless communication.